

FIG. 1

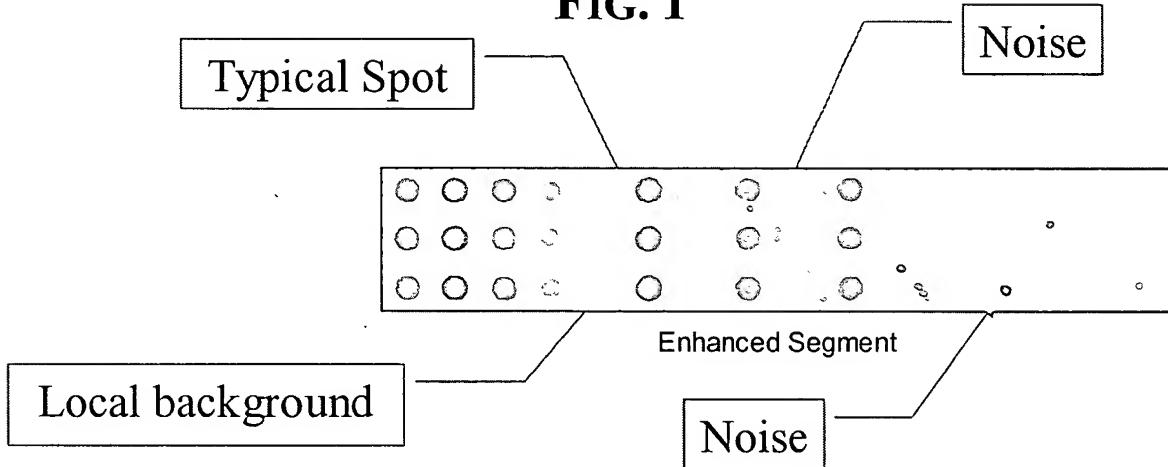


FIG. 2

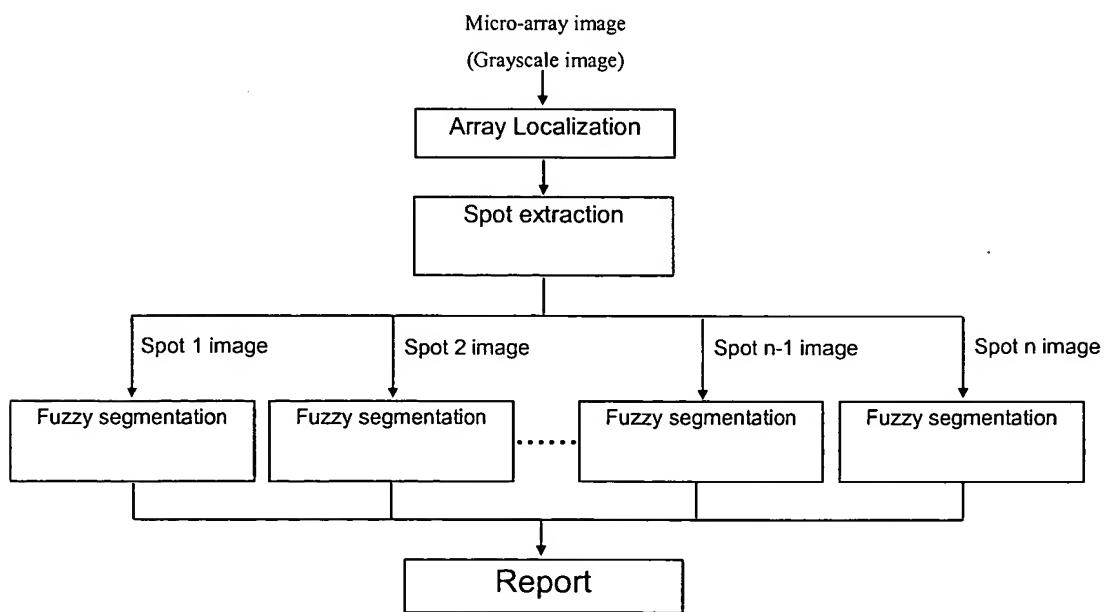
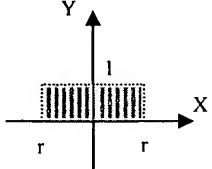
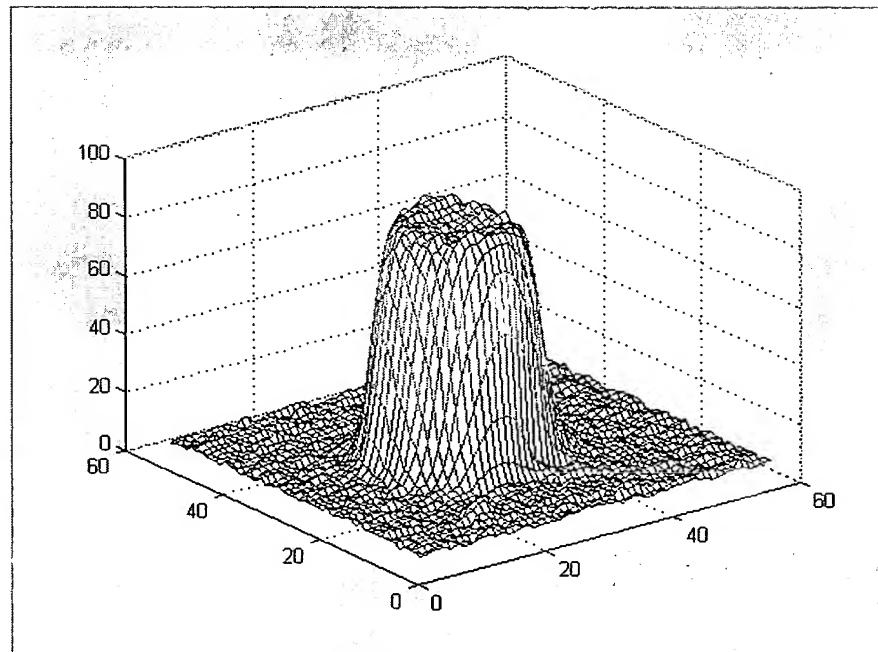


FIG. 3

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Name	Structuring set	Direction
OpeningD1		
OpeningD2		
OpeningX		
OpeningY		

**FIG. 4**



**FIG. 5**

**BEST AVAILABLE COPY**

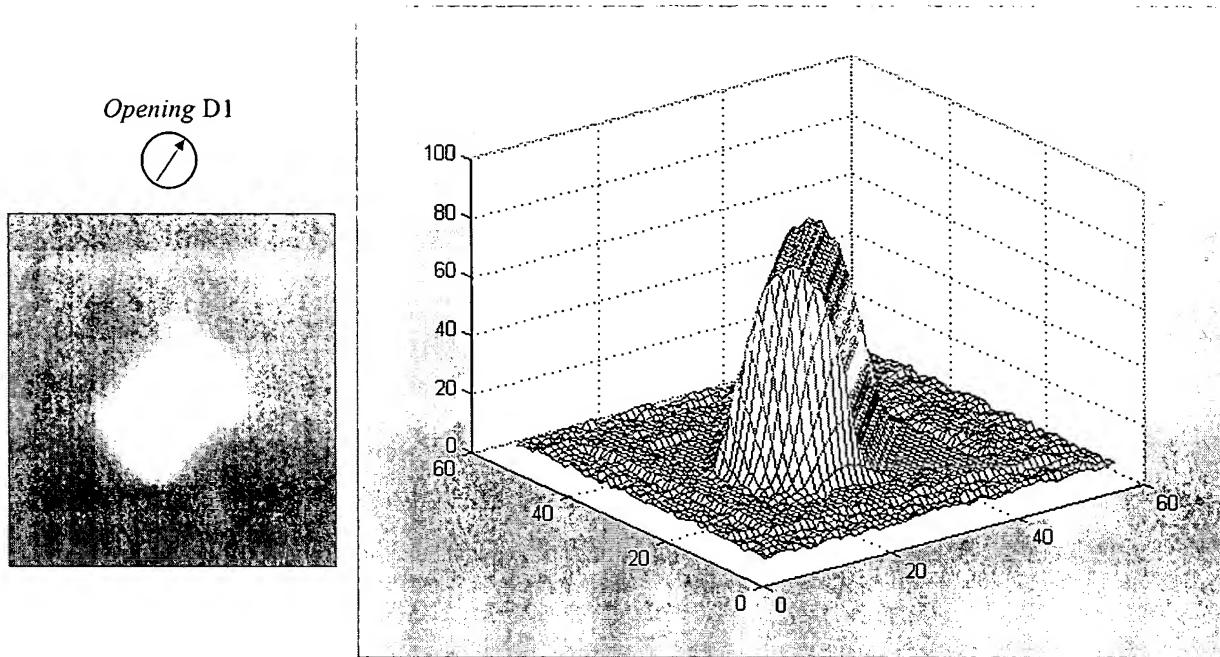


FIG. 6

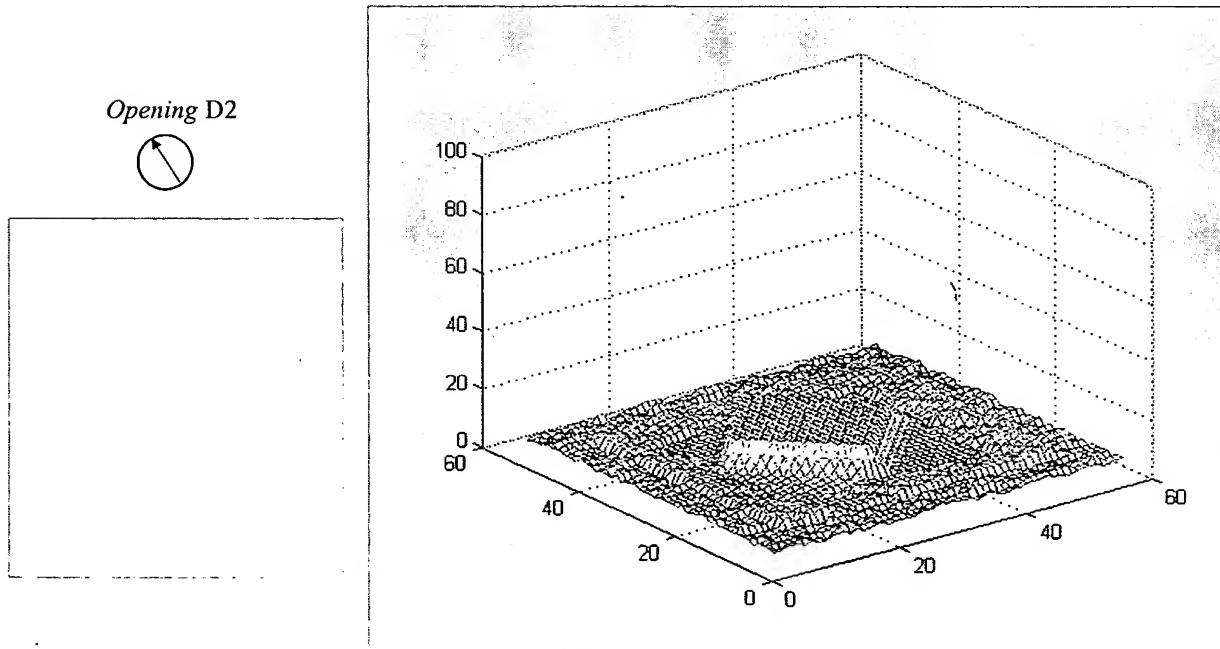
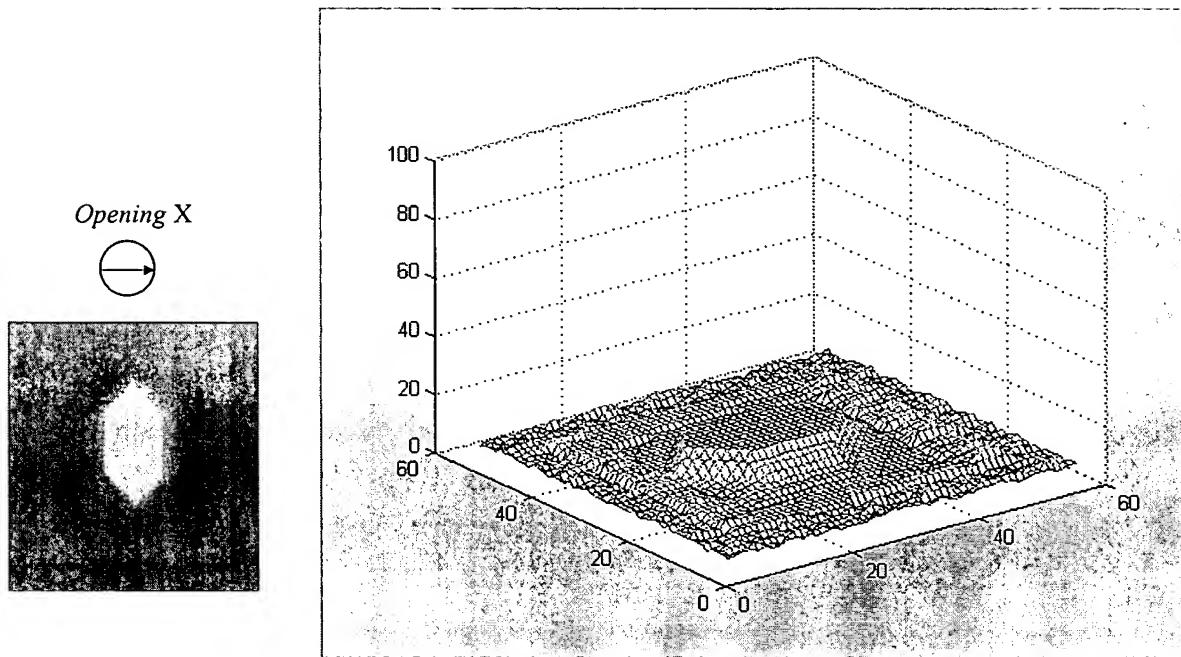
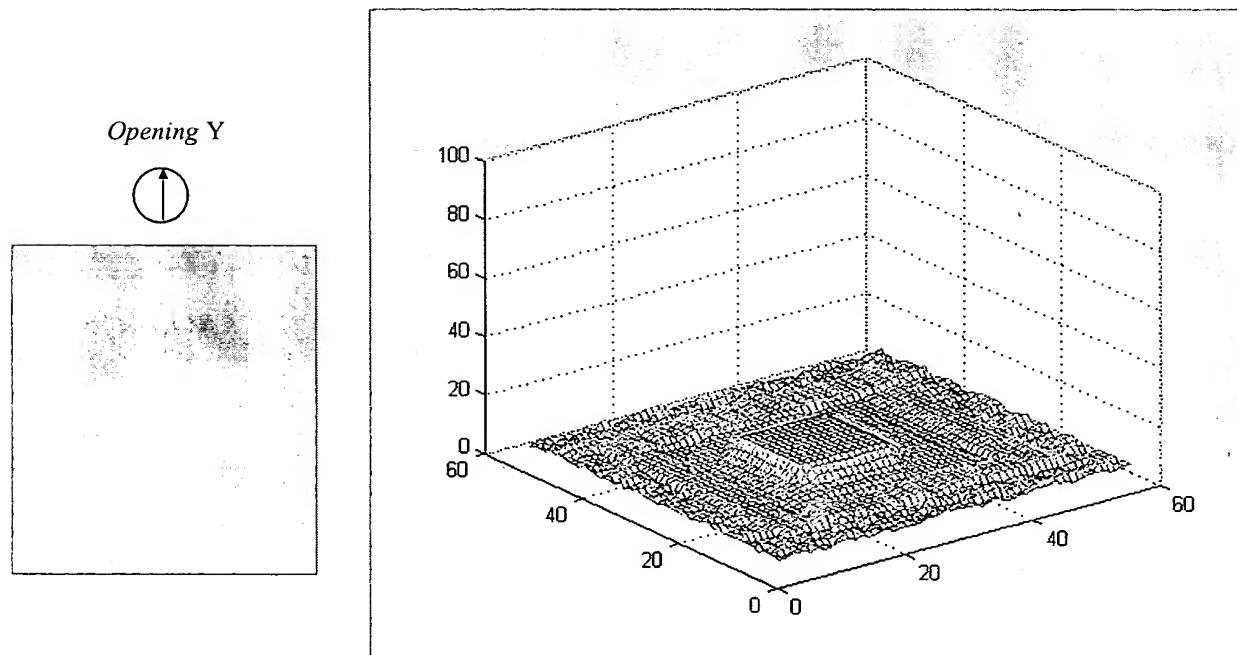


FIG. 7

**BEST AVAILABLE COPY**



**FIG. 8**



**FIG. 9**

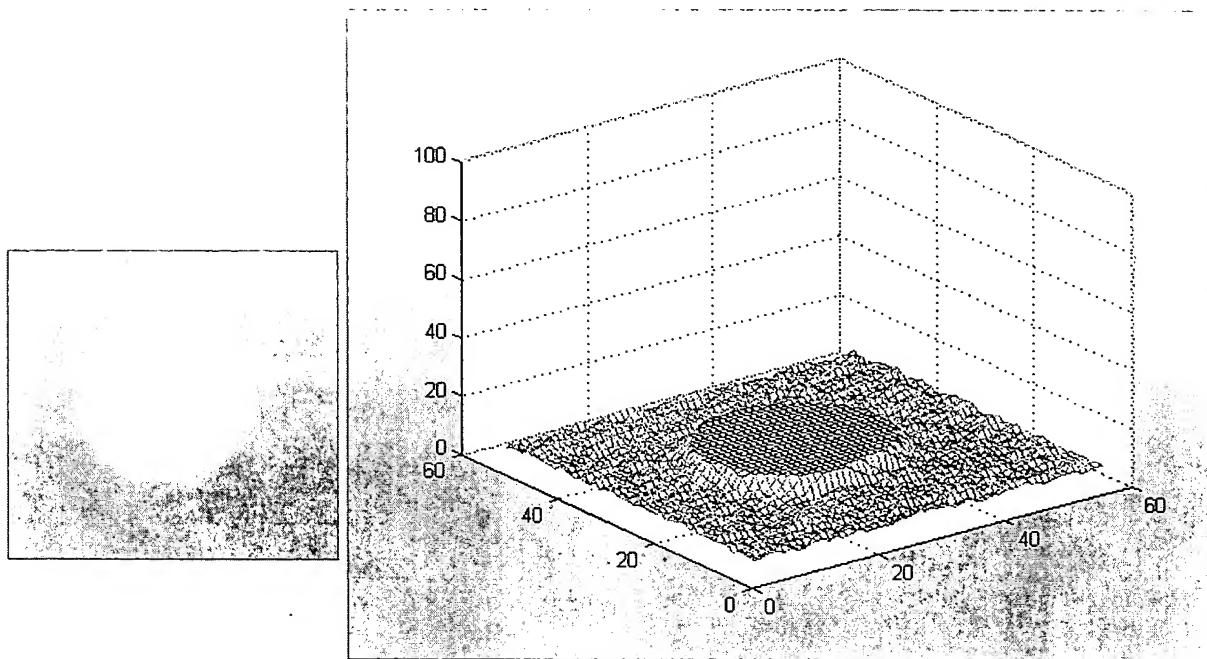
**BEST AVAILABLE COPY**

Title: A METHOD FOR THE ANALYSIS OF ARRAY IMAGES AND DEVICE

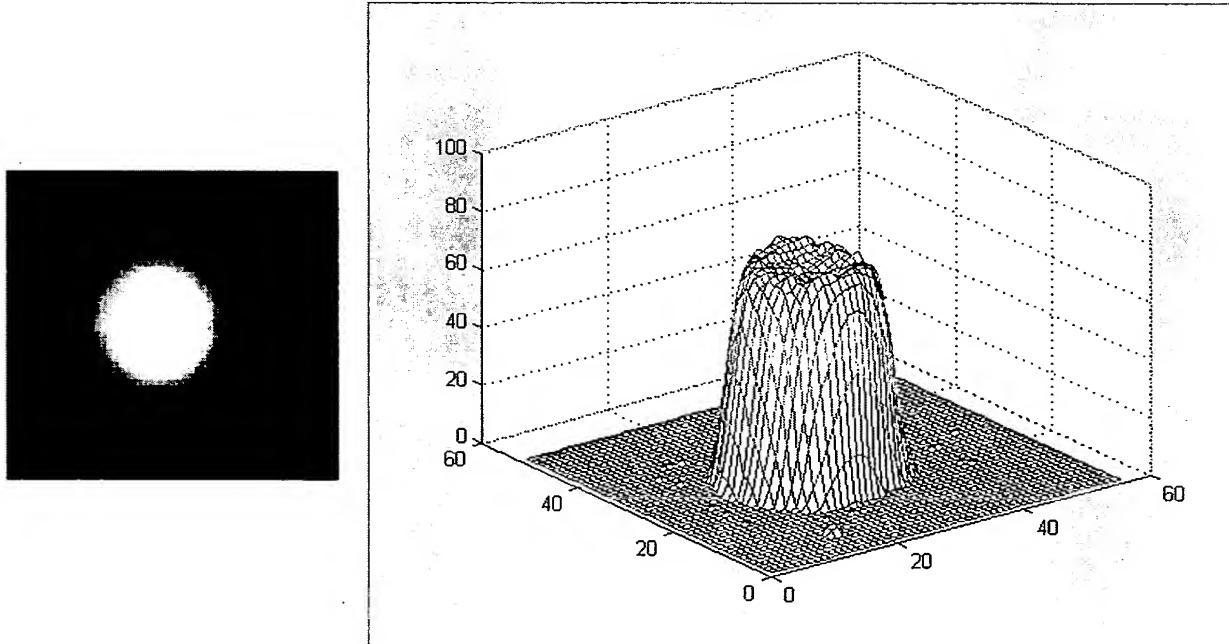
Atty: Andre M. Szwalski (214) 855-4795

Docket: 64659-00002USPX (02-CA-301/BX965V)

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**FIG. 10**



**FIG. 11**

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## Micro array image

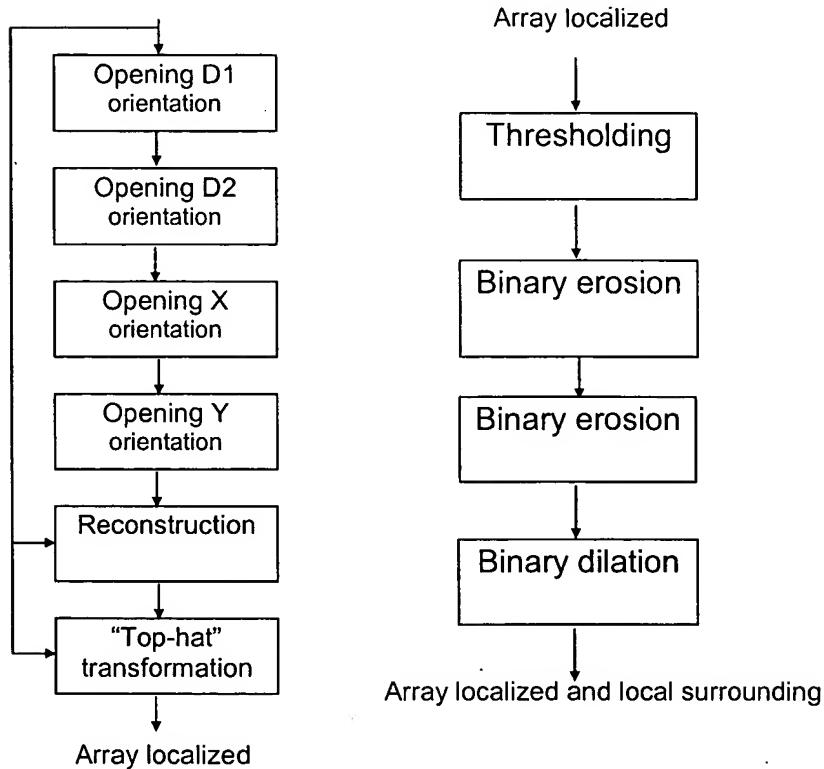


FIG. 12

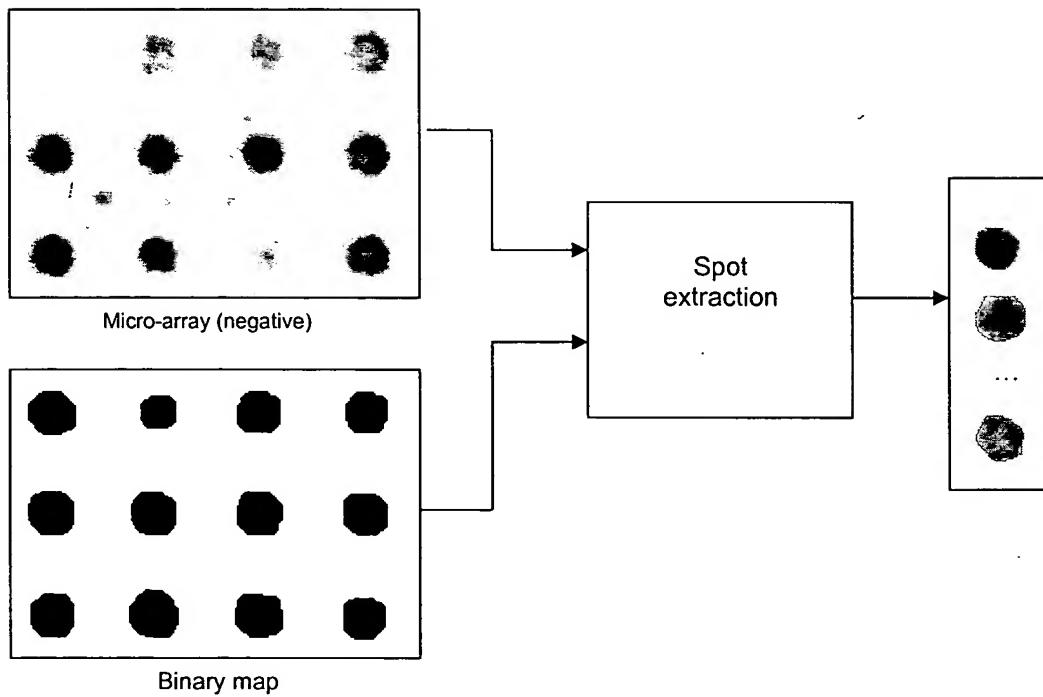


FIG. 13

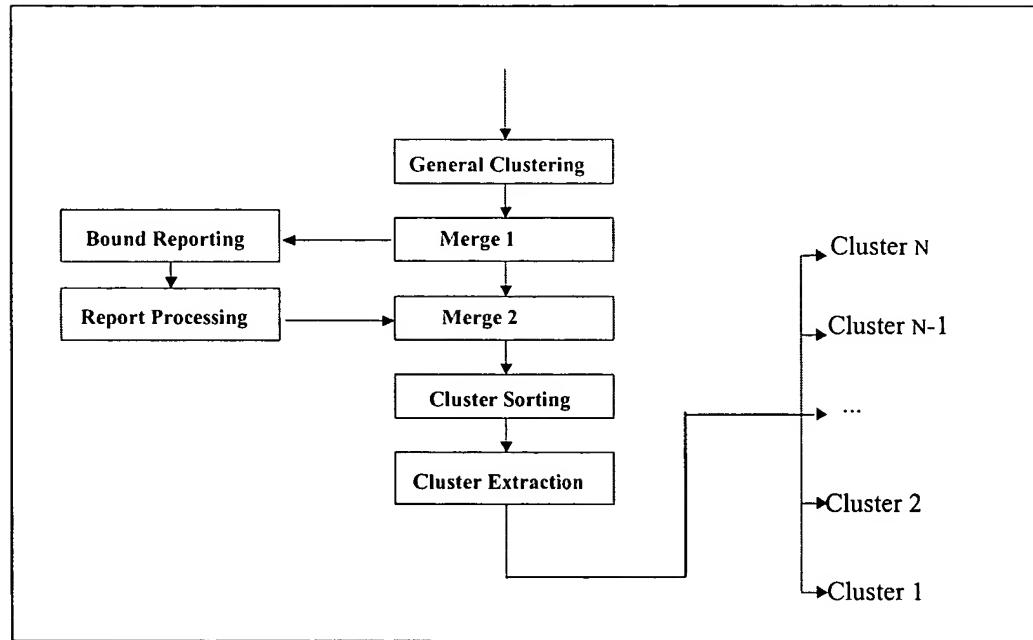


FIG. 14

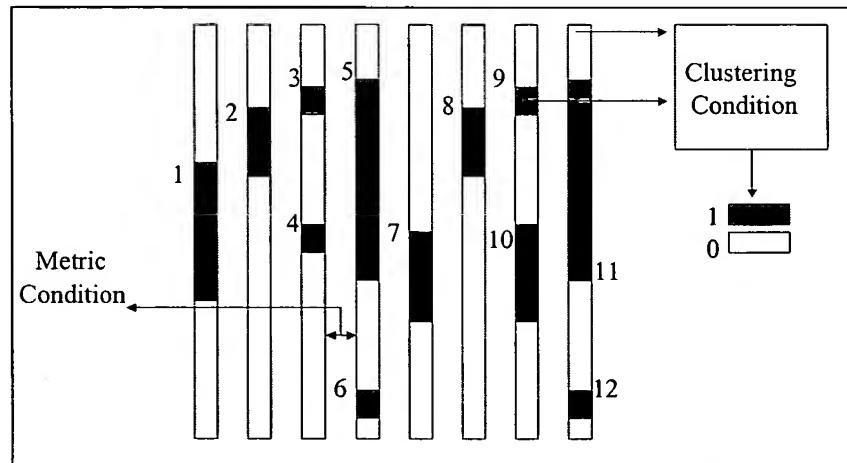
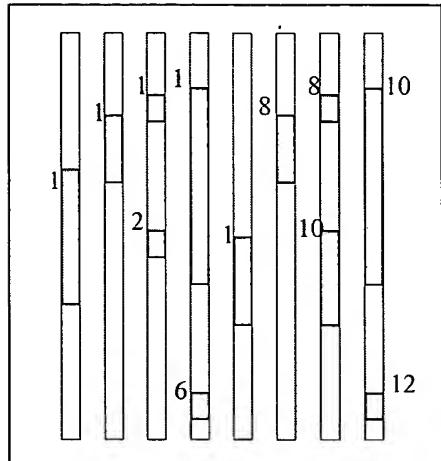
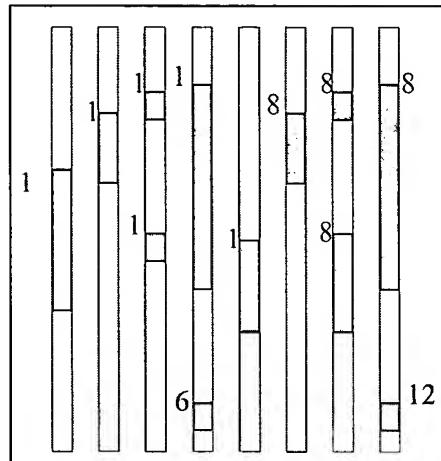


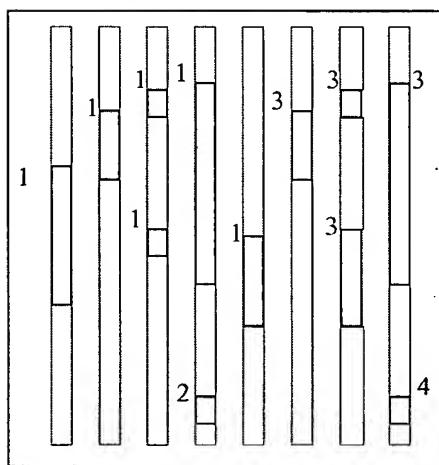
FIG. 15



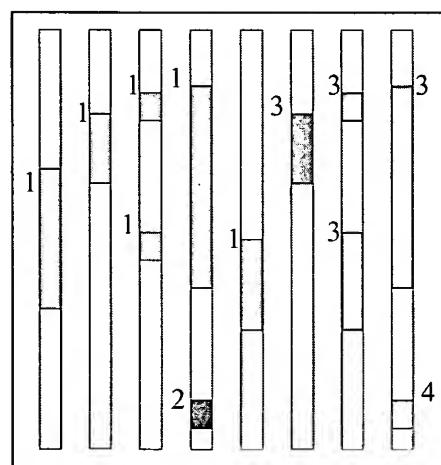
**FIG. 16**



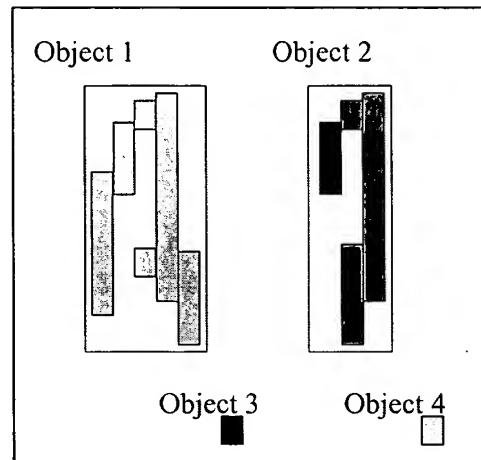
**FIG. 17**



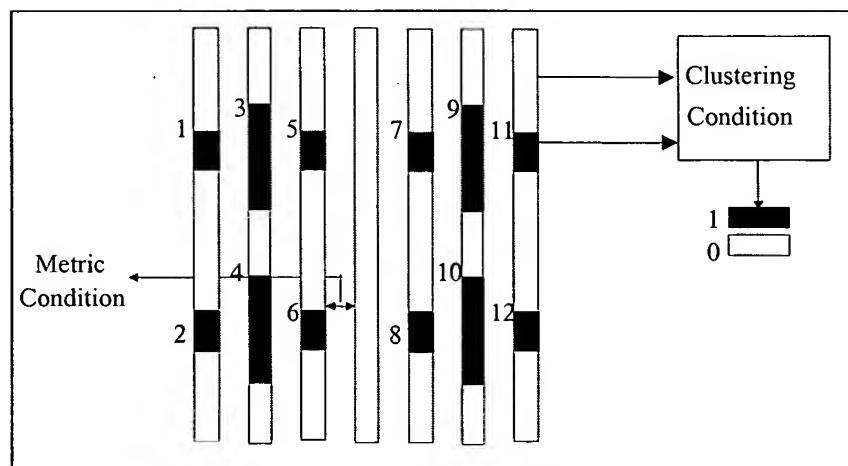
**FIG. 18**



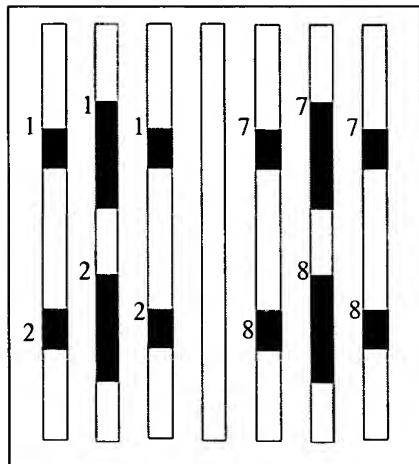
**FIG. 19**



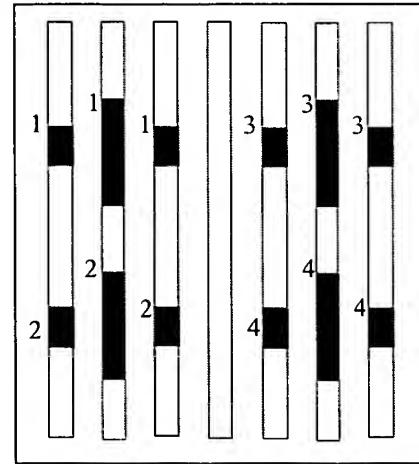
**FIG. 20**



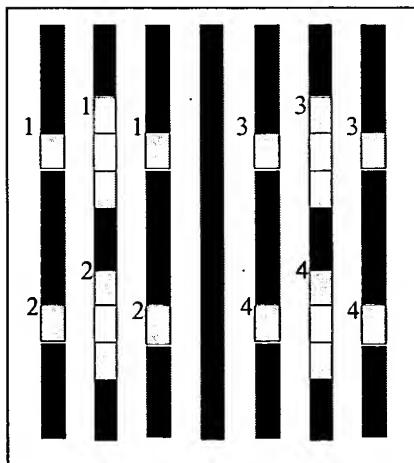
**FIG. 21**



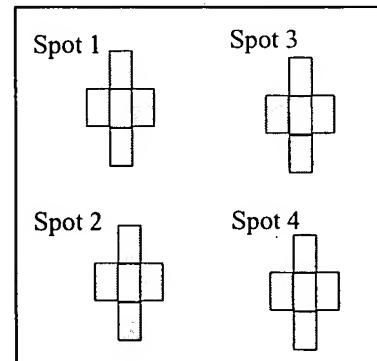
**FIG. 22**



**FIG. 23**



**FIG. 24**



**FIG. 25**

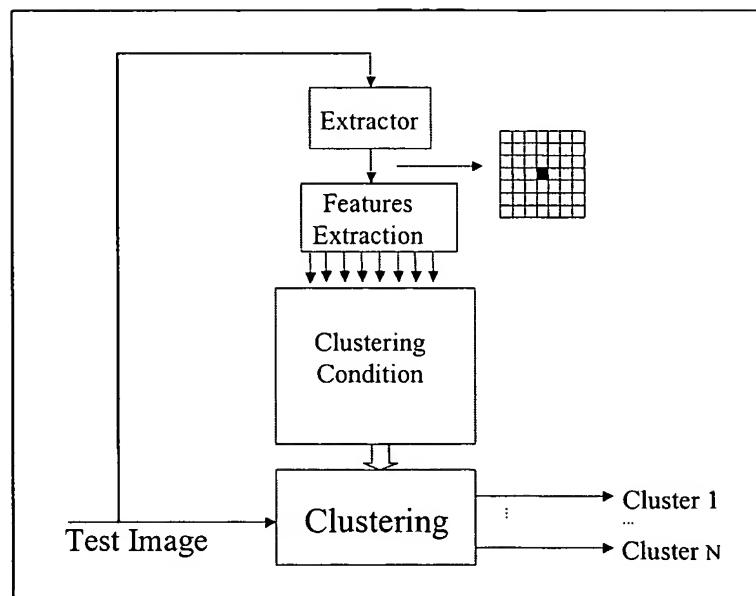


FIG. 26

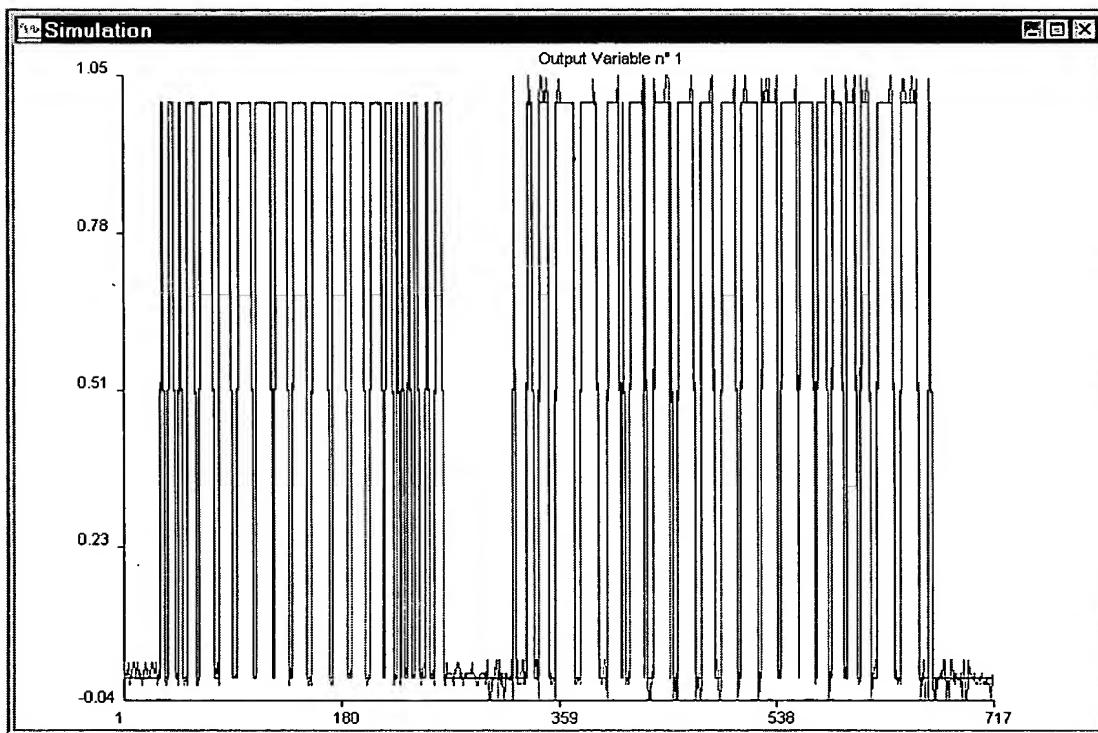


FIG. 27

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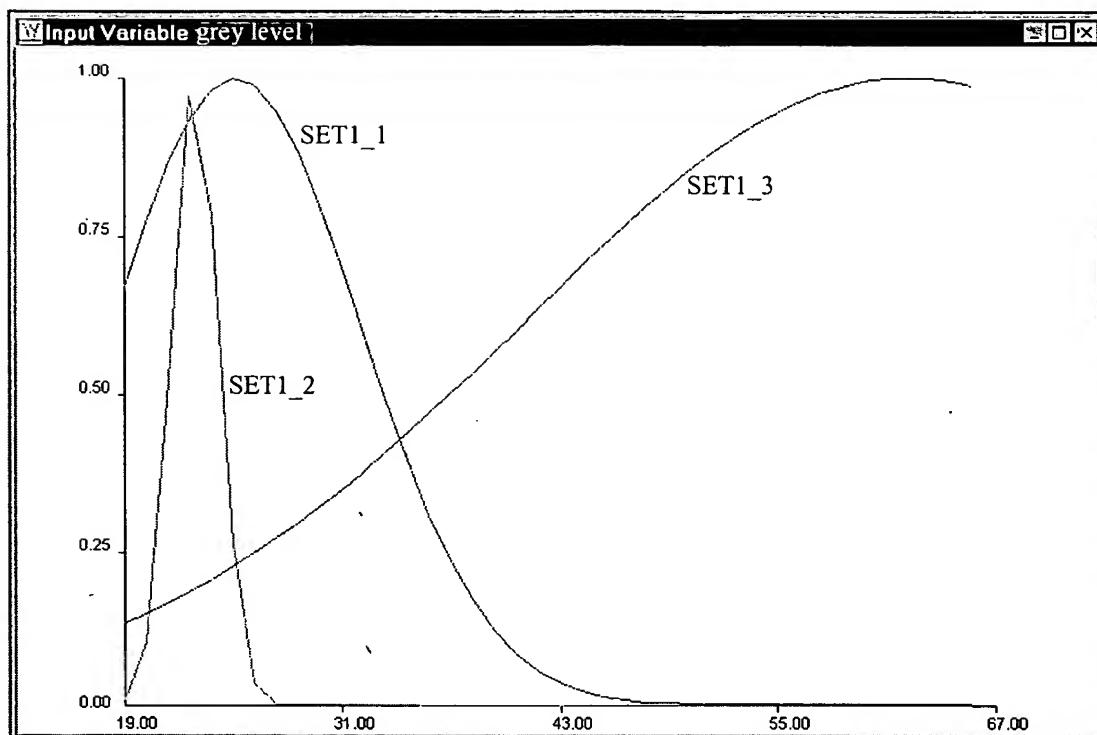


FIG. 28

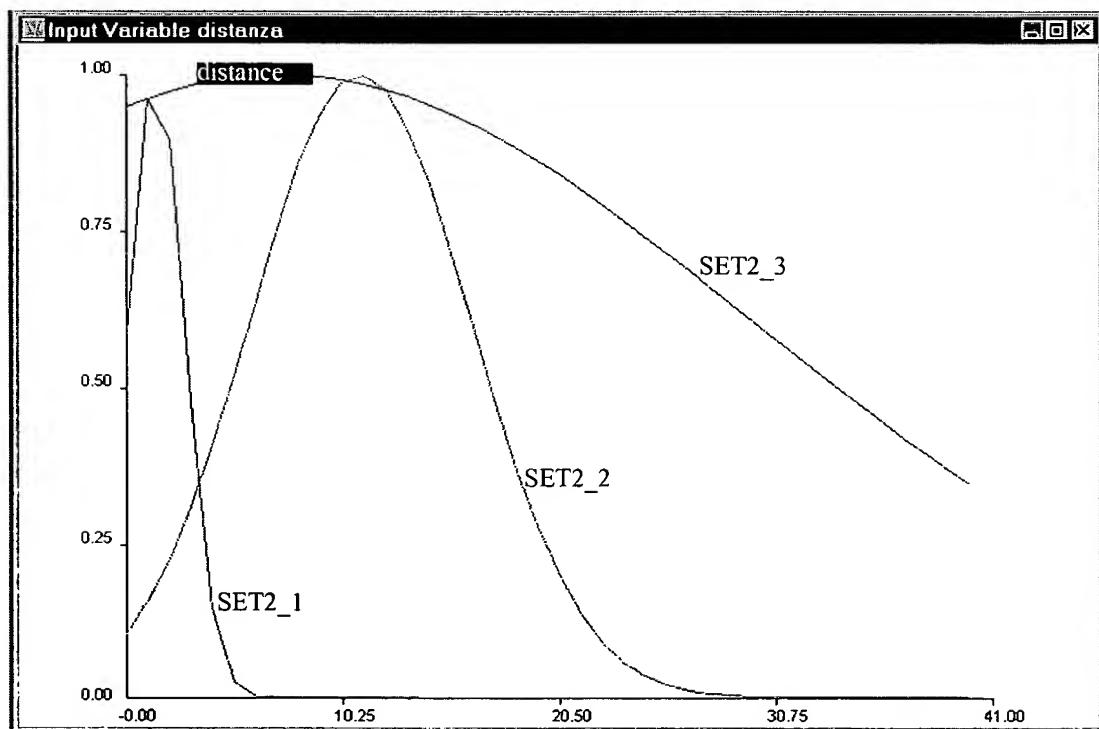
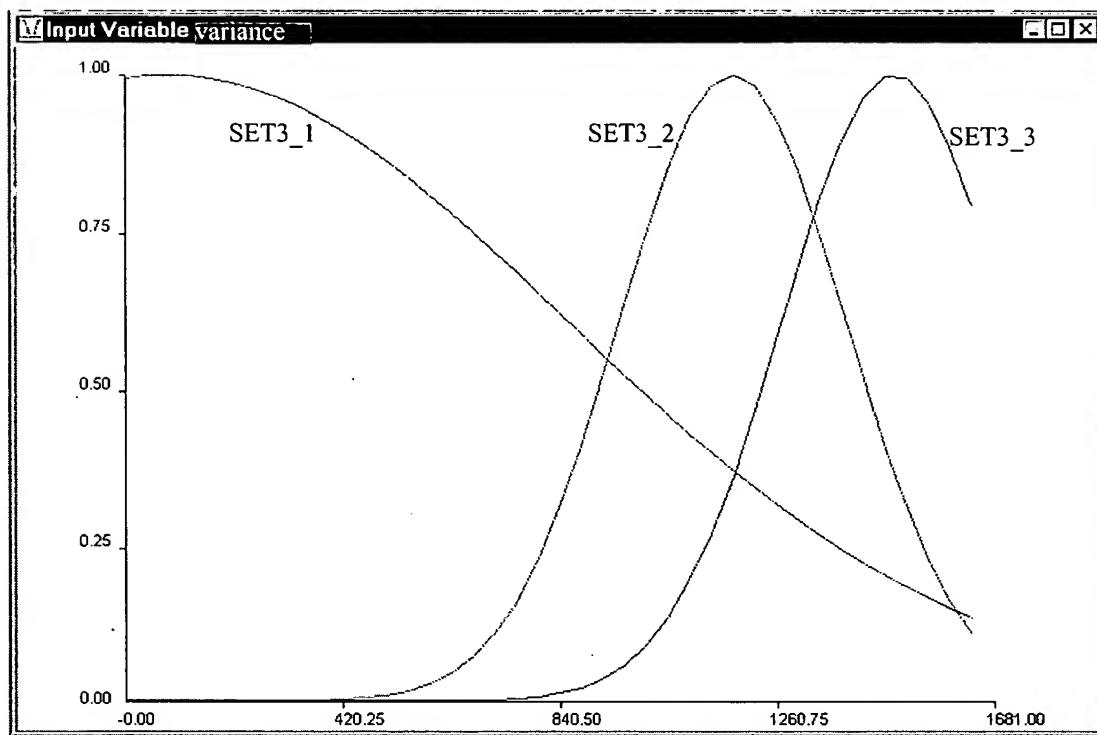
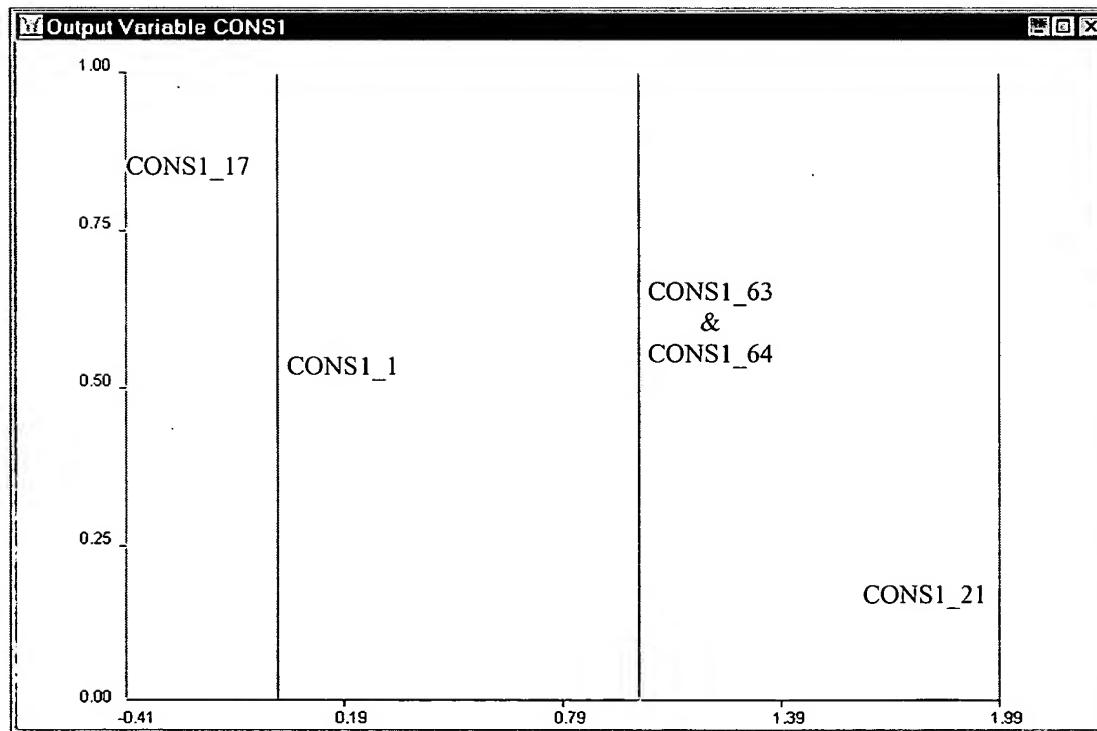


FIG. 29

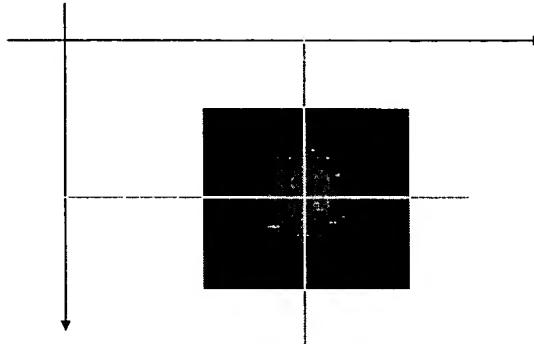


**FIG. 30**

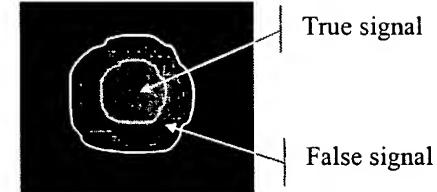


**FIG. 31**

Origin of the  
microarray

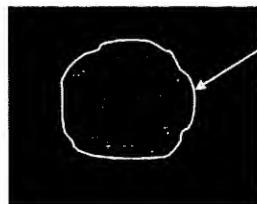


**FIG. 32**

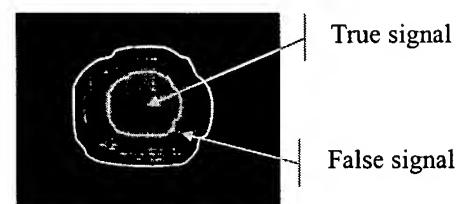


**FIG. 33**

Background

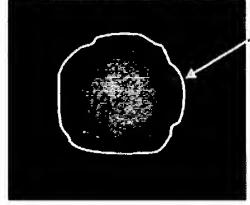


**FIG. 34**

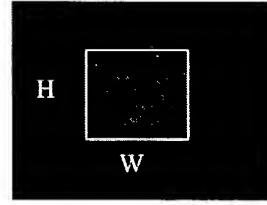


**FIG. 35**

Background



**FIG. 36**

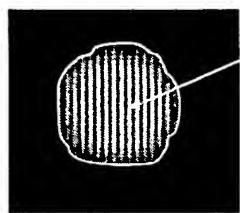


$H_{min} < H < H_{max}$   
 $W_{min} < W < W_{max}$

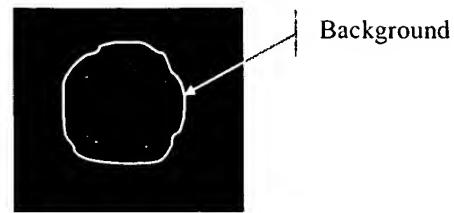
$$L_s = H/W \rightarrow 1$$

**FIG. 37**

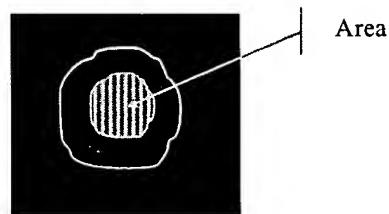
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**FIG. 38**



**FIG. 39**



**FIG. 40**

**BEST AVAILABLE COPY**